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## UTILITY PATENT APPLICATION TRANSMITTAL

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1	Attorney Docket No.	8989-032						
	First Inventor	Klaus Engel						
	Tiue	HYBRID MICROWAVE T-SWITCH ACTUATOR						
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This collection of information is required by 37 CFR 1938(o). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, process, and process, and complete of the chief information officer. U.S. Patent and Trademark Office, U.S. require to complete this form end/or suggestions for reducing this burden, should be sent to the Chief Information Officer. U.S. Patent and Trademark Office, U.S. require to complete this form end/or suggestions for reducing this burden, should be sent to the Chief Information Officer. U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alaxandria, VA 22313-1450.

Patent Application, Commissioner for Patents, P.O. Box 1450, Alaxandria, VA 22313-1450.

Patent Application, Commissioner for Patents, P.O. Box 1450, Alaxandria, VA 22313-1450.

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Approved for use through 07/31/2006; OMB 0551-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known FEE TRANSMITTAL Application Number n/a Filing Date for FY 2004 Klaus Engel First Named Inventor Effective 10/01/2003. Patent feet are subject to annual revision. Examiner Name Applicant claims small entity status. See 37 CFR 1.27 n/a Art Unit 8989-032 770.00 Attorney Docket No TOTAL AMOUNT OF PAYMENT FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) 3. ADDITIONAL FEES Other Large Entity | Small Entity Credit card Fee Description Fee Code Fee Paid Fee Deposit Account: (5). Code (\$) 65 Surcharge - late filling fee or oath 022095 Deposit 2051 130 1051 Surcharge - late provisional filling fee or ccount 2052 Number 1052 50 cover sheet. Bereskin & Parr Decosit Non-English specification 1053 130 For filling a request for ex parte reexamination ccount 130 1053 The Director is authorized to: (check all that apply) 1812 .2,520 1812 2,520 920 Requesting publication of SIR prior to Charge fee(s) indicated below ... Credit any overpayments 9201 1804 1804 Examiner action. Charge any additional fee(s) or any underpayment of fee(s) Requesting publication of SIR after 1805 -1,8401 Charge fee(s) indicated below, except for the filling fee 1805 1,840 Examiner action Extension for reply within first month. to the above-identified deposit account. 2251 110 1251 Extension for reply within second month FEE CALCULATION 2252 420 1252 Extension for reply within third month 2253 1. BASIC FILING FEE 950 1253 -Extension for raply within fourth month arge Entity Small Entity 2254 1254 1,480 Fee Paid Fee Description Extension for reply within fifth month 2255 1255 2,010 ode (\$) Utility filing fee 165 Notice of Appeal 2001 - 385 770.00 2401 1001 770 1401 330 165 Filing a brief in support of an appeal Design filing fee. 2002 170 2402 1002 340 1402 330 145 Request for oral hearing Plant filing fee 2003 265 2403 1003 530 290 1403 1,510 Petition to Institute a public use proceeding Relssue filing fee 2004 . 385 1,510 1451 1004 770 1451 55 Petition to revive - unavoidable Provisional filing fee 2005 80 2452 1005 160 110 1452 770.00 665 Pertion to revive - unintentional SUBTOTAL (1) (\$) 2453 1,330 1453 665 Utility issue fee (or reissue) 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1,330 2501 1501 240 Design issue fee 2502 Fee Paid 1502 480 below Extra Claims 320 Plant issue fee. 0.00 1503 640 2503 0.00 130 Petitions to the Commissioner Total Claims 1460 0.00 130 1460 50 Processing fee under 37 CFR 1:17(q) independent 1607 50 1807 180 Submission of Information Disclosure Stmt. Multiple Dependent 40 Recording each patent assignment per 1806 180 1806 Small Entity Large Entity ( property (times number of properties) Fee Description 40 8021 8021 Fee Fee ' 385 Filing a submission after final rejection (37 CFR 1.129(a)) Code (\$) Code (\$) Claims in excess of 20 2809 .770 1809 . 9 2202 18 1202 Independent claims in excess of 3 385 For each additional invention to be examined (37 CFR 1.129(b)) 43 86 2201. 1201 2810 770 Multiple dependent claim, if not paid 1810 2203 145 290 Request for Continued Examination (RCE) 1203 ··· Reissue Independent claims 2801 . 43 770 1601 2204 Request for expedited examination 86 1204 over original patent 1802 900 1802 Reissue daims in excess of 20 of a design application 2205 18 and over original patent 1205 Other fee (specify) 0.00 SUBTOTAL (3) (\$ Reduced by Basic Filing Fee Paid. 0.00 **(**\$) SUBTOTAL (2) \*\*or number previously paid, if greater, For Reissues, see above (Complete (# applicable)) Telephone: (416) 364-7311 Registration No SUBMITTED BY 47,275 (Attorney/Agent) January 29, 2004 Isis E. Caulder Name (PrintType)

WARNING Information on this f rm may become public. Credit card inf rmation sh uld not be included in this form. Provide credit card information and authorization on PTO-2038.

Signature This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete Including gathering, preparing; and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments of the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer. Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS AI - 1-- B-tente P O. Box 1450, Alexandria, VA 22813-1450.

Subj: N

New Application 0502P65US03 -must be filed today

Date:

1/29/2004 2:00:23 PM Eastern Standard Time

From:

mgrabinski@shapirocohen.com

To:

mgrabinski@shapirocohen.com, Specialpat@aol.com

CC:

nraffoul@shapirocohen.com, jpotvin@shapirocohen.com, dhaszko@shapirocohen.com

## Good Afternoon Rhiannon:

Please find enclosed a New United States Patent Application including the following:

Utility Transmittal letter to the United States Patent office including fee sheet (2 sheets)

Declaration (3 sheets)

Non Publication Request (1 sheet)

Specification (49 sheets)

Figures (18 sheets)

which must be filed today.

Kindly immediately confirm receipt of this e-mail and its enclosure via return e-mail.

Please confirm the filing of the above in the United States Patent and Trademark Office via e-mail, including a copy of the date-stamped postcard upon filing.

Thank you

Mariola Grabinski

SHAPIRO COHEN 112 Kent Street Suite 2001 Ottawa, Ontario,K1P 5P2 Canada

Telephone: 613-232-5300 Facsimile: 613-563-9231 www.shapirocohen.com

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